

Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

SCIENCE

Friday, November 5, 1920

CONTENTS

WILLIAM HENRY WELCH1

A BIOGRAPHICAL SKETCH

William Henry Welch: Dr. SIMON FLEXNER.	417
The Structures of the Hydrogen Molecule and the Hydrogen Ion: Dr. Irving Langmuir.	433
Scientific Events:—	
The American Society of Mechanical Engineers; The American Ornithologists' Union; The American Society of Naturalists; The Association of American Geographers; The Department of Chemistry of the Ohio State University; Dedication of the Edward Orton Memorial Library	437
Scientific Notes and News	439
University and Educational News	441
Discussion and Correspondence:—	
Visible Sound Waves: Professor Frederick A. Saunders. Drift Bottles as indicating a Superficial Circulation in the Gulf of Maine: Professor James W. Mavor	442
Scientific Books:—	
Bouvier's La Vie Psychique des Insectes: Professor W. M. Wheeler	443
Special Articles:—	
On the Protein Content of Wheat: Dr. W. F. Gericke. The Vitamine Requirements of the Rat on Diets rich in Protein, Carbohydrate and Fat: Casimir Funk and Harry	

MSS. intended for publication and books, etc., intended for review should be sent to The Editor of Science, Garrison-on-Hudson, N. Y.

On this memorable and beautiful occasion I have the cherished honor of having been chosen to perform, as it were, the duties of chronicler. in order that we may all be led to review in our minds the successive steps by which our great leader and master rose to such high distinction and wrought the miracle of giving to medicine a new birth in this country; and in order, also, that our successors, lighting their lamps at the shrine of Pathology and studying the treasures which these precious volumes enclose, may catch a gleam of what manner of man he was who produced them, and by the vigor of his living example and the charm of a rare personality, as well as by the power of his spoken and written word, in the short span of a lifetime raised medicine in the United States from a beneficent art to an expanding science.

William Henry Welch was born in Norfolk, Connecticut, April 8, 1850. He was the son of William and Emeline (Collin) Welch. His father was a practising physician, as were four of his father's brothers. Moreover, a great grandfather and grandfather were also physicians. When about one year of age, William Henry's mother died; thereafter he was

An introduction to the collected papers and addresses of Dr. Welch, compiled in his honor on the occasion of his seventieth birthday, to be published in three volumes by the Johns Hopkins Press under the editorial supervision of a committee consisting of John J. Abel, Lewellys F. Barker, Frank Billings, Walter C. Burket, William T. Councilman, Harvey Cushing, John M. T. Finney, Simon Flexner, William S. Halsted, William H. Howell, John Howland, Henry M. Hurd, Henry Barton Jacobs, William W. Keen, Howard A. Kelly, William G. MacCallum, William J. Mayo, Ralph B. Seem, Winford H. Smith, William S. Thayer, J. Whitridge Williams, Hugh H. Young.